



March 10, 2008

Mr. Ross del Rosario
U. S. EPA - Region 5 (SR-6J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

**Re: Sauget Sites Area I - January 21, 1999 Administrative Order by Consent (AOC)
Monthly Report February 1 – February 29, 2008**

Dear Mr. del Rosario:

Enclosed is the Sauget Sites Area I Monthly Report for the February 2008 reporting period. This submittal is in fulfillment of the monthly requirements of Section 2.4 Reporting, of the January 21, 1999 Final Administrative Order by Consent for Sauget Sites Area I, Sauget and Cahokia, Illinois.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve Smith", with a stylized flourish at the end.

Steven D. Smith
Project Coordinator

cc: Kevin Turner – USEPA
Tim Gouger - USACE
Sandra Bron - IEPA
Dave Webb - IDPH
Mike Coffey - USF&W
Richard Williams - Solutia
Cathleen Bumb - Solutia
Mayor Frank Bergman - Cahokia, IL
Village of Sauget - c/o P. H. Weis & Associates (Attn: Brian Nelson)
Mayor R. Sauget - Sauget, IL
L. Glen Kurowski - Monsanto
Linda Tape - Husch & Eppenberger

Sauget Sites Area I - Sauget, Illinois

AOC - EECA / RIFS

Status Report

Date of Report: March 10, 2008
Period Covered: February 1, 2008 - February 29, 2008

Work Performed during the Reporting Period

Samples in the utility corridors along Queeny Avenue between Sites H and I were obtained on June 7th, 2007 in accordance with the requirements of the Work Plan approved on March 22nd, 2007. The validated analytical results from these samples were submitted to the Agency on January 3rd, 2008. A risk assessment described in Section 4 of the Work Plan was carried out in accordance with agreements reached during a teleconference on September 13th, 2007 with the Agencies. A revised version of Section 4 of the Work Plan incorporating the results of the discussions during the teleconference was submitted on November 27th, 2007. Additional comments were received from EPA on February 5th and a second revision of Section 4 of the Work Plan was submitted on February 20th. The results of the risk assessment were submitted on February 25th, 2008 and are currently being reviewed by the Agency.

The final Work Plan for the Soil Vapor Intrusion Investigation was approved on May 24th, 2007. USEPA issued comments on a Technical Memorandum summarizing the results of a human health evaluation submitted to the Agency on March 19th, 2007. These comments are dated June 8th, 2007. However, they were not received at that time by the Project Coordinator and the comments were reissued on September 20th, 2007. A teleconference was held with the Agency and its oversight contractor, CH2M Hill, on October 23rd, 2007 and responses to those comments were submitted to the Agency on January 2, 2008. The human health evaluation was submitted on January 4, 2008 and is currently under review by the Agency.

A report summarizing the results of DNAPL recovery pumping tests at BR-I was submitted to the Agency on April 16, 2007. Comments on the report were received from the Agency on January 23, 2008. Those comments are being reviewed and responses will be submitted in March.

USEPA is also reviewing a Technical Memorandum documenting the derivation of risk-based concentrations used in the Dead Creek removal work and in the Dead Creek Ecological Risk Assessment submitted to the Agencies on July 27th, 2007.

On February 5th, comments were received from the Agency on a Tech Memo on Principal Threat Evaluation for Toxicity that was submitted in January 2006. Those comments are being reviewed and responses are being prepared.

The following items that were discussed during a May 24, 2007 teleconference with USEPA and CH2M Hill remain outstanding:

- The status of the Technical Memorandum presenting the results of the Human Health Risk Assessment for a residential child exposure in Dead Creek. This Tech Memo was submitted to the Agencies in April 2006.
- Agency comments on the proposed changes to the draft RI report.

Attachments

There are no Technical Memoranda or data submitted with this report.

Work Scheduled for Next Reporting Period

- Submit responses to the Agency comments on the DNAPL recovery test report.
- Prepare responses to the Agency comments on the Tech Memo on Principal Threat Evaluation for Toxicity